

FORM

2

Rev  
12/05

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

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Date Received:

## APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

## 2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER \_\_\_\_\_  
 SINGLE ZONE ☐ MULTIPLE ☒ COMMINGLE ☒

Refiling ☐Sidetrack ☐

PluggingBond SuretyID

3. Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLC4. COGCC Operator Number: 968505. Address: 1001 17TH STREET - SUITE #1200City: DENVER State: CO Zip: 802026. Contact Name: ANGELA NEIFERT-KRAISER Phone: (303)606-4398 Fax: (303)629-8268Email: ANGELA.NEIFERT-KRAISER@WPXENERGY.COM7. Well Name: FEDERAL Well Number: RGU 433-23-1988. Unit Name (if appl): RYAN GULCH UNIT Unit Number: COC068239  
X9. Proposed Total Measured Depth: 12783

## WELL LOCATION INFORMATION

10. QtrQtr: LOT 16 Sec: 23 Twp: 1S Rng: 98W Meridian: 6Latitude: 39.944713 Longitude: -108.353635Footage at Surface: 1043 feet FNL/FSL 628 feet FEL/FWL FEL11. Field Name: SULPHUR CREEK Field Number: 8009012. Ground Elevation: 6570 13. County: RIO BLANCO

## 14. GPS Data:

Date of Measurement: 05/07/2013 PDOP Reading: 2.8 Instrument Operator's Name: MICHAEL LANGHORNE15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1756 FSL 628 FEL FEL Bottom Hole: FNL/FSL 1756 FSL 628 FEL FEL  
 Sec: 23 Twp: 1S Rng: 98W Sec: 23 Twp: 1S Rng: 98W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 9471 ft18. Distance to nearest property line: 10287 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 691 ft

## 20. LEASE, SPACING AND POOLING INFORMATION

| Objective Formation(s) | Formation Code | Spacing Order Number(s) | Unit Acreage Assigned to Well | Unit Configuration (N/2, SE/4, etc.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| ILES                   | ILES           |                         |                               |                                      |
| SEGO                   | SEGO           |                         |                               |                                      |
| WILLIAMS FORK - CAMEO  | WFCM           |                         |                               |                                      |

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC60732

22. Surface Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No Surface Surety ID#:

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☒ Yes ☐ No

23b. If 23 is No: ☐ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):

SEC. 23 LOTS 1-16 & SEC. 23 LOTS 2-16 T1S-R98W

25. Distance to Nearest Mineral Lease Line: 5908 ft 26. Total Acres in Lease: 1205

### DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☐ Yes ☒ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☐ Yes ☒ No

30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☐ Offsite ☒ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: RE-USE, EVAP & BACKFILL

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

| Casing Type | Size of Hole | Size of Casing | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|
| CONDUCTOR   | 30           | 18             | 48    | 0             | 80            | 50        | 80      | 0       |
| SURF        | 14+3/4       | 9+5/8          | 32    | 0             | 3,895         | 1,415     | 3,895   | 0       |
| 1ST         | 8+3/4        | 4+1/2          | 11.6  | 0             | 12,783        | 1,318     | 12,783  | 7,753   |

32. BOP Equipment Type: ☒ Annular Preventer ☒ Double Ram ☒ Rotating Head ☐ None

33. Comments Top of cement will be approx 200 feet above the top of Mesaverde. Closed mud system will be used. Federal minerals and surface. A total of 10 wells will be drilled from the newly constructed RGU 43-23-198 well pad. See WPX Energy Master Drilling Plan dated 4/27/10 for Federal 10 point drilling plan.

34. Location ID: \_\_\_\_\_

35. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☐ No

36. Is this application part of submitted Oil and Gas Location Assessment ? ☒ Yes ☐ No

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Angela Neifert-Kraiser

Title: Regulatory Specialist Date: \_\_\_\_\_ Email: Angela.Neifert-

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

API NUMBER

05

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

### Attachment Check List

| Att Doc Num | Name                    |
|-------------|-------------------------|
| 400419729   | DIRECTIONAL DATA        |
| 400419730   | WELL LOCATION PLAT      |
| 400419733   | DEVIATED DRILLING PLAN  |
| 400419735   | DEVIATED DRILLING PLAN  |
| 400419736   | FED. DRILLING PERMIT    |
| 400419737   | LEGAL/LEASE DESCRIPTION |

Total Attach: 6 Files

### General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
|                   |                |                     |

Total: 0 comment(s)

## **BMP**

| <b><u>Type</u></b>             | <b><u>Comment</u></b>   |
|--------------------------------|---|
| Planning                       | <p>PLANNING BMP's</p> <ul style="list-style-type: none"><li>* Share/consolidate corridors for pipeline ROWs to the maximum extent possible.</li><li>* Locate roads outside of drainages where possible and outside of riparian habitat.</li><li>* Minimize the number, length, and footprint of oil and gas development roads</li><li>* Use existing roads where possible</li><li>* Combine utility infrastructure (gas, electric, and water) planning with roadway planning to avoid separate utility corridors</li><li>* Combine and share roads to minimize habitat fragmentation</li><li>* Maximize the use of directional drilling to minimize habitat loss/fragmentation</li><li>* Maximize use of remote completion/frac operations to minimize traffic</li><li>* Maximize use of remote telemetry for well monitoring to minimize traffic</li></ul> |
| Construction                   | <p>CONSTRUCTION BMP's</p> <ul style="list-style-type: none"><li>* Structures for perennial or intermittent stream channel crossings should be constructed using appropriately sized bridges or culverts</li><li>* Design road crossings of streams at right angles to all riparian corridors and streams to minimize the area of disturbance to the extent possible.</li></ul> <p>Construct retention basins and ponds that benefit wildlife</p>  |
| Drilling/Completion Operations | <p>DRILLING/COMPLETIONS BMP's</p> <ul style="list-style-type: none"><li>* Use centralized hydraulic fracturing operations.</li><li>* Install and maintain adequate measures to exclude all types of wildlife (e.g., big game, birds, and small rodents) from all fluid pits (e.g., fencing, netting, and other appropriate exclusion measures).</li><li>* Conduct well completions with drilling operations to limit the number of rig moves and traffic.</li></ul>   |
| Final Reclamation              | <p>PRODUCTION/RECLAMATION BMP's</p> <ul style="list-style-type: none"><li>* Remove well pad and road surface materials that are incompatible with post-production land use and re-vegetation requirements</li><li>* Use only certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife</li><li>* WPX Energy will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeding and reclamation of disturbed areas.</li><li>* Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents and openings.</li><li>* Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors.</li></ul>   |

Total: 4 comment(s)